

connecting to the power supply at all times.

CONSTITUTION: The system is provided with a 1st power variable means 12 varying transmission power of a 1st transmission means 16 in response to a control signal, a 2nd power variable means 14 varying transmission power of a 2nd transmission means 18 in response to the control signal, and a power control means 26 detecting a depth of a notch in the frequency characteristic of a reception signal by the 1st and 2nd reception means 20,22 and controlling the power variable means 12,14 selected by the selection means 24 so that the depth of notch in the reception means 20,22 selected by the selection means 24 is a prescribed value or below

27/5/8 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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WPI ACC No: 1989-115849/198916

XRPX ACC No: N89-088373

Trapping protector with two -unit transmitter and single receiver - receives signals transmitted respectively across two test leads of rubber strip arranged to make contact when pressed together

Patent Assignee: ZIMMERMANN U (ZIMM-I)

Inventor: ZIMMERMANN U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3838449	A	19890413	DE 3838449	A	19881112	198916 B

Priority Applications (No Type Date): DE 3838449 A 19881112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3838449	A		8		

Abstract (Basic): DE 3838449 A

The receiver part (12) of the trapping protection device receives the two **transmitted signals**, and it is established whether the signal received indicates a short circuit or an interruption, and a warning signal results if such an undesired occurrence is determined. The two units (11.1, 11.2) of the transmitter, **send** out two different AC voltage **signals** and two output terminals (15.1, 15.2) give first and second AC voltage signals at the end of respective test lines.

The receiver part (12) has two input terminals (16.1, 16.2) for respectively connecting to the other ends of the test lines. A **comparator** (18) **compares** the two **signals** received taking account of the known difference between them, and gives out a warning signal, if a difference is established which does not accord with the known difference.

USE/ADVANTAGE - Protection against trapping of person or object between two moving parts. Esp. reliable protection, which as well as establishing interruptions in test leads can also do same in supply leads to system.

1/3

Title Terms: TRAP; PROTECT; TWO; UNIT; TRANSMIT; SINGLE; RECEIVE; RECEIVE; SIGNAL; TRANSMIT; RESPECTIVE; TWO; TEST; LEAD; RUBBER; STRIP; ARRANGE; CONTACT; PRESS

Derwent Class: Q68; S01; T05

International Patent Class (Additional): F16P-003/12; G01R-031/02

File Segment: EPI; EngPI

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FAST & Focused
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N/A

Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	US-6219811-\$.DID. OR US-6029261-\$.DID. OR US-6018810-\$.DID. OR US-5969538-\$.DID.	USPAT	OR	OFF	2006/01/18 18:30
S3	53	"6,219,811" "6,029,261" "6,018,810" "5,969,538"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/18 18:31
S2	41	"6,219,811" "6,029,261" "6,018,810" "5,969,538"	USPAT	OR	OFF	2006/01/18 18:31
S4	44	S3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/18 18:32
S5	26	S3 and interconnect\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/18 18:36
S7	4	S3 and interconnect\$3 and connector and bridge and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/18 18:39
S6	5	S3 and interconnect\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/18 18:39
S8	5	S3 and interconnect\$3 and connector and bridge and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:40
S9	1	S3 and interconnect\$3 with test\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:41
S10	11	S3 and interconnect\$3 with test\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:43
S12	1	S3 and interconnect\$3 with test\$3 and connector and error and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:44
S11	1	S3 and interconnect\$3 with test\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:44

2361

S13	5	S3 and interconnect\$3 with test\$3 and error and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:45
S15	1440	interconnect\$3 with test\$3 and error and pattern and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:50
S14	4	S3 and interconnect\$3 with test\$3 and error and pattern and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:50
S16	3	interconnect\$3 with test\$3 and error and pattern and (transmi\$5 driv\$3) with reciev\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:51
S17	666	interconnect\$3 with test\$3 and error and pattern and (transmi\$5 driv\$3) with receiv\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:53
S18	3	S3 and interconnect\$3 with test\$3 and error and pattern and (transmi\$5 driv\$3) with receiv\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:56
S19	264	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern and (transmi\$5 driv\$3) with receiv\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 18:59
S20	68	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern with (transmi\$5 driv\$3) with receiv\$3 and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:01
S21	18	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern with (transmi\$5 driv\$3) with receiv\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:02
S23	64	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern and transmi\$5 near3 receiv\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:04
S22	84	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern and (transmi\$5 driv\$3) with receiv\$3 and connector and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:04
S24	20	"714"/\$.ccls. and interconnect\$3 with test\$3 and error and pattern and transmi\$5 near3 receiv\$3 and connector near3 pin and @ad<"20011203"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:07

S25	2	"20030103462"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:10
S26	232	detect\$3 with bridge with defect	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:11
S27	24	detect\$3 with bridge with defect and BGA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/18 19:12
S29	4	US-4562436-\$.DID. OR US-6182246-\$. DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 09:48
S28	501	SMITH ADJ BRIAN.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 09:48